



1645

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Seiko HIRANO, et al.

SERIAL NO: 10/089,057

GAU: 1645

FILED: April 3, 2002

EXAMINER:

FOR: GENES FOR HEAT RESISTANT ENZYMES OF AMINO ACID BIOSYNTHETIC PATHWAY DERIVED FROM THERMOPHILIC CORYNEFORM BACTERIA

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

The applicant(s) wish to make of record the references cited in the attached European Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

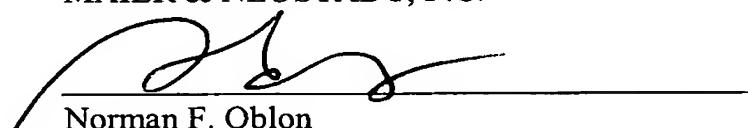
Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
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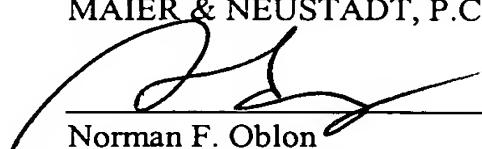
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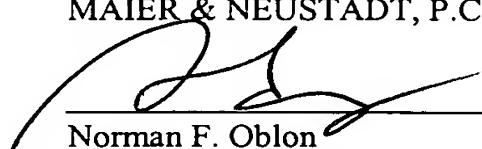
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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 221519US0PCT		SERIAL NO. 10/089,057	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Seiko HIRANO, et al.			
				FILING DATE April 3, 2002		GROUP 1645	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,250,434	10/05/1993	K. YAMADA, et al.			
	AB						
	AC						
	AD						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AW		D. J. REINSCHEID, et al., Journal of Bacteriology, vol. 176, no. 12, XP-009014047, pages 3474-3483, "CHARACTERIZATION OF THE ISOCITRATE LYASE GENE FROM CORYNEBACTERIUM GLUTAMICUM AND BIOCHEMICAL ANALYSIS OF THE ENZYME", June 1994					
AX		R. M. CHELL, et al., Biochemical Journal, vol. 173, no. 1, XP-001156125, pages 165-177, "ISOLATION AND CHARACTERIZATION OF ISOCITRATE LYASE FROM A THERMOPHILIC BACILLUS SP.", 1978					
AY		J. M. MUIR, et al., Protein Engineering, vol. 8, no. 6, XP-009020603, pages 583-592, "CITRATE SYNTHASE FROM THE HYPERTHERMOPHILIC ARCHAEOON, PYROCOCCUS FURIOSUS", 1995					
AZ						<input type="checkbox"/> Additional References sheet(s) attached	
Examiner				Date Considered			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							